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>Title: **JP3222257A2: MANUFACTURE OF LITHIUM ELECTRODE FOR LITHIUM BATTERY**

Country: JP Japan

Kind: A

Inventor: NAGAURA TORU;  
YOKOGAWA MASAAKI;  
NAKAO TOSHIHIKO;  
SATO KATSUZO;



Assignee: SONY CORP.  
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Published / Filed: 1991-10-01 / 1990-01-25

Application Number: JP1990000015768

IPC Code: H01M 4/04; H01M 4/64;

Priority Number: 1990-01-25 JP1990000015768

Abstract:

PURPOSE: To prevent the adhesion of lithium in a rolled state and the breakage of a lithium foil during operation up to battery assembly for efficient operation by press-attaching the lithium foil formed by extrusion directly to a metal collector foil before winding in a rolled state.

CONSTITUTION: A copper foil rolled substance 22 that a copper foil 21 is wound in a rolled state and an extrude 24 for a lithium foil 23 are prepared to have the one face of the copper foil 21, supplied from the copper foil rolled substance 22, and the desired-thickness lithium foil 23, extruded and molded from the extruder 24, faced in opposition, passed through a pair of pressure rollers 25, press-attached to each other and then wound in a rolled state. In this case, for making the lithium foil 23 thin up to a desired thickness, the lithium foil 23 from the extruder 24 is given cold rolling via 4-step rolls 26-29 and cold rolling mechanism 30. It is thus possible to prevent the adhesion of lithium in a rolled state and the breakage of the lithium during operation up to battery assembly for efficient operation.

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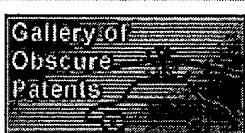
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## PATENT ABSTRACTS OF JAPAN

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(51) Int'l. Cl.: H01M 4/04 H01M 4/64

(22) Application date: 25.01.90

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(84) Designated contracting states:

(71) Applicant: SONY CORP

(72) Inventor: NAGAURA TORU  
YOKOGAWA MASAAKI  
NAKAO TOSHIHIKO  
SATO KATSUZO

(74) Representative:

### (54) MANUFACTURE OF LITHIUM ELECTRODE FOR LITHIUM BATTERY

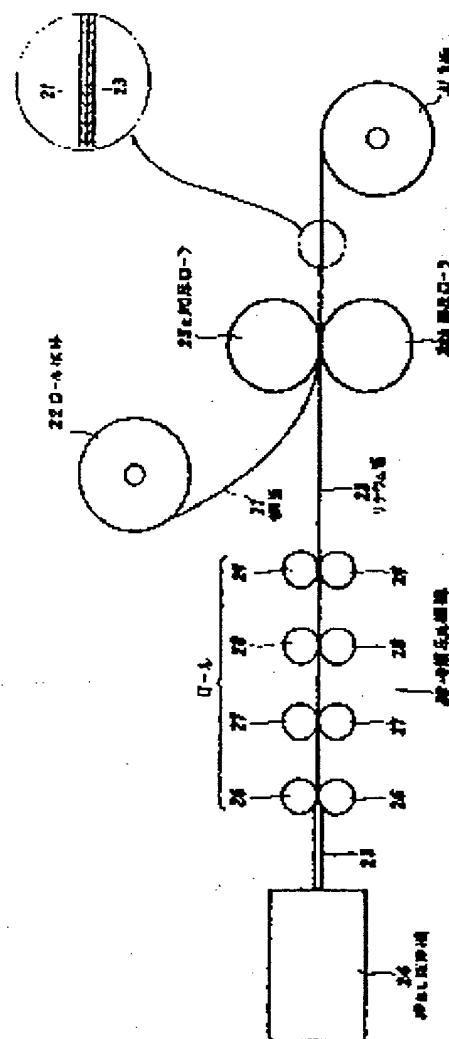
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